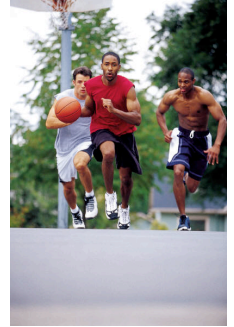Name: _____   date:_____

Air Quality

You are an outdoor sports event planner. Your facility has a soccer, football, ice hockey, and basketball league. You want to choose the best times of the year for outdoor and indoor sports activities. Use the data to make an informed decision about the best times of the year to plan your events.

1. Using an atlas or online tool (link below), find the latitude and longitude of your city.
http://mynasadata.larc.nasa.gov/LatLon.html

2. Open MyNASAData.
http://mynasadata.larc.nasa.gov/
3. Click on +Data Access
4. Click on +Live Access Server (Basic Edition)
5. Under Select Data Set, click on Air Quality- Carbon Monoxide
6. Under Dataset Variable(s), select Air Quality- Carbon Monoxide
7. Click on the red Next button
8. Check that the following options are selected:
                    View: Graph vs time
                    Output: graph output
                    Region: World
Next to the map, you will notice a place for you to choose latitude and longitude values. Type in the latitude and longitude values for your city.
                    Time range: 15 January 2004 to
                    15 December 2004

9. Click the red Next. A line graph should appear.

Complete the information below:

   A. Based on your data, when was the level of carbon monoxide highest?

   B. During which time frame (months) would be the safest time to play outdoor sports?

   C. During which time frame (months) would you suggest playing indoor sports?

Time to plan! Below you will find the months of the year. Your facility has a soccer, football, ice hockey, and basketball league. Below each month, record which sports league you will run. For example: If I wanted soccer in April, I would write Soccer under April.

*Sports can be in more than one month

**You can have more than one sport per month

January	February	March	April
May	June	July	August
September	October	November	December

Now that your schedule is complete, your supervisor wants an explanation. For each sport, list the month(s) you scheduled and why. Don't forget to talk about your data!